

**IN THE CLAIMS:**

1.-34. (Cancelled)

35. (Currently Amended) A semiconductor light emitting device comprising:

a base substrate;

a multilayer epitaxial structure includes a first conductive layer, a second conductive layer and a light emitting layer that is formed between the first conductive layer and the second conductive layer, the multilayer epitaxial structure being formed on the base substrate in such a manner that the first conductive layer is positioned closer to the base substrate than the second conductive layer is;

a first electrode that is formed on the first conductive layer;

a second electrode that is formed on the second conductive layer;

an insulating film that covers side surfaces of the multilayer epitaxial structure and separates the first electrode and the second electrode;

a first power supply terminal and a second power supply terminal that are formed on a main surface of the base substrate which faces away from the multilayer epitaxial structure;

a first conductive member including a first through hole that is provided in the base substrate, and electrically connecting the first electrode and the first power supply terminal;

a second conductive member including a second through hole that is provided in the base substrate, and electrically connecting the second electrode and the second power supply terminal; and

a phosphor film having an even thickness that covers a main surface of the multilayer epitaxial structure ~~which faces away from the base substrate, and every side surface of~~

~~the multilayer epitaxial structure from a layer including the main surface to include at least the light emitting layer.~~

36. (Previously Presented) The semiconductor light emitting device of Claim 35, wherein

the multilayer epitaxial structure is formed on the base substrate leaving a space along each edge of a main surface of the base substrate which faces the multilayer epitaxial  
5 structure; and

the first through hole and the second through hole are provided in a peripheral portion of the base substrate, the peripheral portion corresponding to the space.

37. (Previously Presented) The semiconductor light emitting device of Claim 35, further comprising:

a metal reflective film that is sandwiched between the multilayer epitaxial structure and the base substrate.

38.-39. (Cancelled)

40. (Previously Presented) The semiconductor light emitting device of Claim 35 wherein

the multilayer epitaxial structure ~~is formed through~~ having a structural characteristic of epitaxial growth[[,]] on a single-crystal substrate different from the base  
5 substrate, ~~and transferred from the single-crystal substrate to~~ is mounted on the base substrate.

41. (Currently Amended) The semiconductor light emitting device of Claim 40, wherein

the multilayer epitaxial structure is ~~transferred~~ mounted to the base substrate in such a manner that a last epitaxially-grown layer having grown on ~~[[the]]~~ a single-crystal substrate different from the base substrate is positioned closer to the base substrate than a first epitaxially-grown layer is.

42.-45. (Cancelled)

46. (New) The semiconductor light emitting device of Claim 35, wherein the first and the second through holes are positioned in a periphery of the base substrate, and the multilayer epitaxial structure is not positioned on or over the first and second through holes.

47. (New) A semiconductor light emitting device comprising:

a base substrate;

a multilayer epitaxial structure includes a first conductive layer, a second conductive layer and a light emitting layer that is formed between the first conductive layer and the second conductive layer, the multilayer epitaxial structure being formed on the base substrate in such a manner that the first conductive layer is positioned closer to the base substrate than the second conductive layer is;

a first electrode that is formed on the first conductive layer as an n-type semiconductor layer;

means for improving the light extraction efficiency including a second electrode that is formed on the second conductive layer as a p-type semiconductor layer with an uneven surface;

a first power supply terminal and a second power supply terminal that are formed on a main surface of the base substrate which faces away from the multilayer epitaxial structure;

a first conductive member including a first through hole that is provided in the base substrate, and electrically connecting the first electrode and the first power supply terminal;

a second conductive member including a second through hole that is provided in the base substrate, and electrically connecting the second electrode and the second power supply terminal; and

a phosphor film that covers a main surface of the multilayer epitaxial structure which faces away from the base substrate, and every side surface of the multilayer epitaxial structure from a layer including the main surface to include at least the light emitting layer.

48. (New) The semiconductor light emitting device of Claim 47, wherein

the multilayer epitaxial structure is mounted on the base substrate in such a manner that a last epitaxially-grown layer having a structure characteristic of being grown on a single-crystal substrate different from the base substrate is positioned closer to the base substrate  
5 than a portion of a first epitaxially-grown layer.

49. (New) The semiconductor light emitting device of Claim 47 wherein the base substrate is a SiC substrate.

50. (New) The semiconductor light emitting device of Claim 47 wherein a plurality of depressions is formed on a surface of the p-electrode surface to improve light extraction efficiency.

51. (New) The semiconductor light emitting device of Claim 50 wherein a Ni/Au thin film and an ITO transparent electrode form the p-electrode.